

REMARKS

INTRODUCTION:

In accordance with the foregoing, claims 1, 5, 7, 9, 11, 14 and 16-17 have been amended. Claims 2, 6, 8 and 13 have been cancelled without prejudice or disclaimer. Claims 1, 3-5, 7, 9-12 and 14-17 are pending and under consideration.

OBJECTIONS TO THE DRAWINGS:

The present amendment to the Specification overcomes the objections.

REJECTIONS UNDER 35 U.S.C. §112:

Claim 14 has been amended herein to overcome the rejection.

REJECTIONS UNDER 35 U.S.C. §102:

Claims 1, 2, 4-9, 12, 13 and 17 are rejected under 35 U.S.C. §102(e) as being anticipated by Hirst et al. '895 (Hirst 1)

Using independent claim 1 as an example, this claim recites "a temperature sensor to detect a temperature of the heating roller; and a control unit to control a power supplied to the heating roller based upon the detected temperature." Hirst 1 discloses a temperature sensor 202 of the fusing system 102. Hirst 1, col. 5, ln. 3-5. The reference discloses that the temperature sensor 202 may be a thermistor or a non-contact thermopile. Also, the location of the temperature sensor 202 may be adjacent the entry of the nip 200. Hirst 1, col. 5, ln. 36-44. There is no other disclosure regarding the temperature sensor 202. Thus, there is no disclosure regarding a control unit to control based upon the detected temperature.

Independent claim 1 further recites that the heating member and the heating roller rotate in opposite directions. The Examiner has not shown where this feature is disclosed in the reference. Instead, the Examiner notes that the internal heating element 214 of the cited reference is fixedly supported to a mount. Office Action, page 5 (see Hirst 1, col. 6, ln. 17-20). Thus, the heating element 214 does not rotate at all, and particularly does not rotate in an opposite direction, as claimed.

Accordingly, withdrawal of the rejection is requested.

REJECTIONS UNDER 35 U.S.C. §103:

Claims 3, 10, 11, 15 and 16 are rejected under 35 U.S.C. §103(a) as being unpatentable over Hirst 1 in view of Hirst et al. '530 (Hirst 2)

The comments above regarding Hirst 1 apply here. Hirst 2 does not overcome the above deficiencies in Hirst 1.

Accordingly, withdrawal of the rejection is requested.

CONCLUSION:

There being no further outstanding objections or rejections, it is submitted that the application is in condition for allowance. An early action to that effect is courteously solicited.

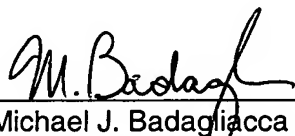
Finally, if there are any formal matters remaining after this response, the Examiner is requested to telephone the undersigned to attend to these matters.

If there are any additional fees associated with filing of this Amendment, please charge the same to our Deposit Account No. 19-3935.

Respectfully submitted,

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